

Work Order ID 153260

Tuesday, November 15, 2016 11:17:44 AM

153260

PRELIMINARY ISSUE

Page 1

Item ID: 647.7341 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: POSITIVE RECALL Stop ***NS2***
 Item Name: Wiper Deflector Assembly
 Start Date: 12/22/2016 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 12/22/2016 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: *VS* *[Signature]* Date: *16/11/15* Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
16A 135-21	Rev Prelim C								
100	Document Control	0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP 647.7341								
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

DEC 20 2016

DEC 15 2016

DEC 20 2016

DAS
6
9-89

DAS
27
9-89

DAS
21
9-89

DAS
27
9-89

DAS
6
9-89

16-12-21

MF
16-12-21

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification ☐	☐	Pressure/Forced ☐	☐	Temperature/Cure ☐	☐
Design ☐	☐	Operator ☐	☐	Bending ☐	☐	Set-up ☐	☐
Doc/Data ☐	☐	Offset/Setup ☐	☐	Centre Not Concentric ☐	☐	BOM/Route ☐	☐
Equip/Tooling ☐	☐	Supplier ☐	☐	Cracks ☐	☐	Broken/Damage/Defect ☐	☐
Handling/Pre ☐	☐	Training ☐	☐	Crimp/Kink/Ripple/Wave ☐	☐	Inspection Incomplete/Unqualified ☐	☐
Material ☐	☐	Use for Testing ☐	☐	Cuffs ☐	☐	Contamination ☐	☐
Internal Transport ☐	☐	Poor Information ☐	☐	Crushing ☐	☐	Countersink ☐	☐
Tribal Knowledge ☐	☐	Rushing ☐	☐	Heat Treat ☐	☐	Cut Too Short ☐	☐
LOA ☐	☐	Product Improvement ☐	☐	Wave/Twist in Tube ☐	☐	Instructions Incomplete/Unclear ☐	☐
Substation ☐	☐	Process Improvement ☐	☐	Marks/Chatter ☐	☐	Drill Holes ☐	☐
Past Expiry Date ☐	☐	Manufacturing Process ☐	☐	OTHER : _____			
Misidentified ☐	☐	Past Due ☐	☐				

Work Order ID 153260

Tuesday, November 15, 2016 11:17:44 AM

153260

Page 2

Item ID: 647.7341 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Wiper Deflector Assembly
Start Date: 12/22/2016 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 12/22/2016 Req'd Qty: 1.00 ***1*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP 647.7341 Location : FG109 <i>Sold</i>								
140	QC21- Final Inspection - Work Order Release	0.00							
140	Memo	0.00							
QC									
Quality Control									

DAS
27
9-89

DEC 20 2016

27
9-89

DEC 21 2016

POSITIVE RECALL

EFFECTIVE 11/18 AUTH _____
RELEASED _____ DATE _____

RD16-1006-0

UMF
16 12-21

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval			
Description Work Order Deviation				Disposition							
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐									
		OTHER : ☐									

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

Tuesday, November 15, 2016 11:17:43 AM

Page 2

Work Order ID: 153260

153260

Parent Item: 647.7341

647 7341

Parent Item Name: Wiper Deflector Assembly

Start Date: 12/22/2016

Required Date: 12/22/2016

Start Qty: 1.00

Required Qty: 1.00

647.3201 Manufactured No

Each 4.0000 1

647 3201

Grounding Cable Assembly

DEC 15 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

cck111

4

123417

4

153318

mf

AN4CH6A Purchased No

Each 40.0000 1

AN4CH6A

Bolt

DEC 15 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

ST345

40

123525

20

m126176

20

1

mf

MS21042-08 MS21042L08 Purchased No

Each 0.0000 1

MS21042-08

USE MS21042L08

DEC 15 2016

DAS
6
9-89

MS21042-3 MS21042L3 Purchased No

Each 0.0000 3

MS21042-3

Nut

DEC 15 2016

DAS
6
9-89

MS27039-08-07 Purchased No

Each 100.0000 1

MS27039-08-07

SCREW

DEC 15 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

ST278

100

m132035

100

1

mf

DAS
27
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval 			
Description Work Order Deviation				Disposition							
								Completed By			
								Lead hand / Supervisor Approval Verification			
								QC / QA Coordinator Approval			

Root Cause				FAULT CATEGORY							
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :							
Misidentified	☐	Past Due	☐								

Picklist Print

Page 3

Tuesday, November 15, 2016 11:17:43 AM

Work Order ID: 153260

153260

Parent Item: 647.7341

647 7341

Parent Item Name: Wiper Deflector Assembly

Start Date: 12/22/2016

Required Date: 12/22/2016

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-07

Purchased

No

Each

182.0000

3

MS27039-1-07

Screw

**

DEC 15 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

2

125654

2

ST281

180

m135948

180

Each

706.0000

4

MS27039-1-14

Purchased

No

MS27039-1-14

Screw

**

DEC 15 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

94

120449

94

over006

500

124326

500

ST280

112

124326

112

Each

60.0000

3

601.2999

Manufactured

No

601 2999

Screw

**

DEC 15 2016

DAS
6
9-89

Location

Loc Qty

Loc Code

CCK098

60

91707

10

93369

50

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval			
Description Work Order Deviation				Disposition				Completed By			
								Lead hand / Supervisor Approval Verification			
								QC / QA Coordinator Approval			
Root Cause		FAULT CATEGORY									
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐						
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐						
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐						
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐						
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐						
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐						
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐						
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐						
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐						
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐						
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____									
Misidentified ☐	Past Due ☐										

Picklist Print

Tuesday, November 15, 2016 11:17:43 AM

Work Order ID: 153260

153260

Parent Item: 647.7341

647 7341

Parent Item Name: Wiper Deflector Assembly

Start Date: 12/22/2016

Required Date: 12/22/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149FN832P

Purchased

No

Each

1,463.000

2

NAS1149FN832P

Washer

DAS
6
9-89

DEC 15 2016

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

1285

M135058

1285

ST263

178

M135603

178

Each

2,610.000

10

NAS1149F0332P

Purchased

No

NAS1149F0332P

Washer

DAS
6
9-89

DEC 15 2016

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

343

m133709

343

ST262

2267

m135544

267

m135948

2000

Each

62.0000

3

601.2375

Manufactured

No

601 2375

Washer

DAS
6
9-89

DEC 15 2016

DAS
27
9-89

Location

Loc Qty

Loc Code

CCK096

62

91708

62

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					



SUBJECT:
Manufacturing Process Procedure
EC-135 CCK Configuration Management

DOCUMENT NO:
MPP-195
Rev. N/C
12/15/16

Table 15: Universal Wiper Deflector (WD) Assembly, 647.7341

FIND #	PART #	DESCRIPTION	QTY
4	647.1601	WIPER DEFLECTOR ASSY, AFT	1
5	647.1610	WIPER DEFLECTOR, FWD	1
29	647.1914	BRACKET	1
30	647.1602	DOUBLER ASSY	1
35	647.3201	GROUNDING CABLE ASSY	1
47	601.1324	BOLT	1
52	601.2973	LOCKNUT	1
53	601.2943	LOCKNUT	3
60	601.2525	SCREW	1
63	601.2198	SCREW	3
67	601.1622	SCREW	4
72	601.2999	SCREW	3
85	601.2764	WASHER	2
86	601.1607	WASHER	10
89	601.2375	WASHER	3

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 153260
[Signature]

DEC 15 2016

Work Order ID 153260

Friday, December 16, 2016 10:23:21 AM

153260

Page 1

Item ID: 647.7341

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: EC135 Universal Wiper Deflector Assembly

Start Date: 12/22/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 12/22/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

MPP-195

N/C

100

Document Control

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP 647.7341

DAS
21
9-89

DEC 16 2016

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

Marie Lajeunesse

From: Kim Johnston
Sent: Friday, December 16, 2016 9:51 AM
To: Marie Lajeunesse
Subject: FW: EC135 CCK MPP & IIN corrections

Thanks,

Kim Johnston
*Engineering Clerk
Document Administrator*

DART AEROSPACE
T 1 613 632-5200 > ext. 226
F 1 613 632-9311



From: Sian Willems
Sent: Monday, December 12, 2016 9:21 AM
To: Lisa McMachen <lmcmachen@dartaero.com>; Kim Johnston <kjohnston@dartaero.com>
Subject: RE: EC135 CCK MPP & IIN corrections

Go ahead and load. A corrected version will follow once DaveM makes the updates.

SIAN WILLEMS
Customer Support Manager

DART AEROSPACE
T +1-613-632-3336 > 239
M +1-613-676-0577
F +1-613-632-5146
+1-800-556-4166
www.dartaerospace.com

From: Lisa McMachen
Sent: Monday, December 12, 2016 8:26 AM
To: Kim Johnston <kjohnston@dartaero.com>; Sian Willems <swillems@dartaero.com>
Subject: FW: EC135 CCK MPP & IIN corrections

Hi Sian,
Kim says that the paperwork is not jiving...can we load the attached documents to the website discussed on Friday? Please see the attached email.

Thanks,
Lisa McMachen

From: Sian Willems
Sent: Monday, December 12, 2016 7:21 AM



SUBJECT:
Manufacturing Process Procedure
EC-135 CCK Configuration Management

DOCUMENT NO:
MPP-195
Rev. N/C
12/15/16

Table 15: Universal Wiper Deflector (WD) Assembly, 647.7341

FIND #	PART #	DESCRIPTION	QTY
4	647.1601	WIPER DEFLECTOR ASSY, AFT	1
5	647.1610	WIPER DEFLECTOR, FWD	1
29	647.1914	BRACKET	1
30	647.1602	DOUBLER ASSY	1
35	647.3201	GROUNDING CABLE ASSY	1
47	601.1324	BOLT <i>ANCHOR</i>	1
52	601.2973	LOCKNUT <i>MS21042-08</i>	1
53	601.2943	LOCKNUT <i>MS21042-3</i>	3
60	601.2525	SCREW <i>MS27039-0807</i>	1
63	601.2198	SCREW <i>MS27039-1-07</i>	3
67	601.1622	SCREW <i>MS27039-1-14</i>	4
72	601.2999	SCREW	3
85	601.2764	WASHER <i>NAS1149FN830P</i>	2
86	601.1607	WASHER <i>NAS1149FC33P</i>	10
89	601.2375	WASHER	3